REMARKS

The invention is not anticipated by US 202/0028347 A1. US 202/0028347 A1 describes a design of organic LED with active material comprising lanthanide ions embedded into hyperbranched polymers or dendrimer shell and presents examples of such materials.

The proposed invention proposes specific design of the hyperbranched polymer or dendrimer shell providing efficient energy transfer by matching triplet level of the dendrimer shell to 4f orbitals of the lantanide and provides several examples of such materials that have been already developed and tested. US 202/0028347 A1 does not teach this functional limitation that would not be obvious. Employing just a dendrimer shell with lantanide ion in its center, as teaches US 202/0028347 A1, would not result in efficient generation of the light until this essential matching condition is fulfilled.

Claims 2-6 being dependent form main Claim 1 have the same functional limitation that is not taught by US 202/0028347 A1.

With these corrections and remarks it is believed that the claims are now in condition for allowance. Reconsideration is respectfully requested. An early and favorable response is earnestly solicited. Thank you.

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Respectfully submitted.

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